

CLAIMS

I CLAIM:

- 1) An apparatus for testing a three conductor electrical circuit outlet connectively disposed to an associated electrical circuit breaker wherein the three conductors are electrically active, neutral and ground, the apparatus comprising:
  - a) a double pole normally open switch;
  - b) a light emitting diode having an anode and cathode;
  - c) said light emitting diode's anode connectively disposed to the electrically active conductor via one pole of said normally open switch;
  - d) said normally open switch's other pole connectively disposed to the electrically neutral conductor;
  - e) said light emitting diode's cathode connectively disposed to the electrical ground conductor; and
  - f) said normally open switch being activated thereby causing said light emitting diode to extinguish emitting light.
- 2) An apparatus as recited in Claim 1 further comprising a substantially rectangular housing containing the apparatus.
- 3) An apparatus as recited in Claim 1 wherein said double pole normally open switch is a spring-loaded toggle switch.

4) An apparatus for electrical circuit testing comprising:

- a) a substantially rectangular housing;
- b) a three conductor electrical cord disposed on one end of said  
5 substantially rectangular housing;
- c) said three conductor electrical cord having one electrically active  
conductor, one electrical neutral conductor and one electrical  
ground conductor;
- d) a normally open double pole momentary switch mounted onto said  
10 substantially rectangular housing;
- e) a light emitting diode having an anode and a cathode;
- f) said cathode electrically connectively disposed to said electrical  
ground conductor;
- g) said electrical neutral conductor connectively disposed to one said  
15 pole of said momentary switch;
- h) said electrically active conductor connectively disposed to the  
other said pole of said momentary switch;
- i) said light emitting diode emitting visible light via said electrically  
active conductor and said electrical ground conductor connections;
- 20 j) said momentary switch being activated momentarily short-circuits  
said electrically active and said electrically neutral conductors;

- k) said activated momentary switch causing said light emitting diode to extinguish emitting light.

5) An apparatus for testing a three conductor electrical circuit outlet connectively disposed to an associated electrical circuit breaker, the apparatus comprising:

a) a two-pole-momentary-contact test electrical circuit operationally disposed to the three conductor associated electrical circuit breaker; and

b) said two-pole-momentary-contact test electrical circuit being engaged causing the three conductor associated electrical circuit breaker to disengage.

10 6) An apparatus for testing a three conductor electrical circuit outlet connectively disposed to an associated electrical circuit breaker, the apparatus comprising:

a) a two-pole-momentary-contact test electrical circuit operationally disposed to the associated electrical circuit breaker;

b) a ground fault/arcfault indicator operationally disposed to said two-pole-momentary-contact test electrical circuit; and

c) said two-pole-momentary-contact test electrical circuit being engaged causing said ground fault/arcfault indicator to activate.

7) A method for testing a three conductor electrical circuit outlet connectively disposed to an associated electrical circuit breaker to determine and indicate the current energized state of the circuit breaker comprising the steps of:

- 5                   a)     providing an electrical circuit test apparatus having a three prong connector, an actuator switch and a light emitting device operationally disposed therein;
- b)     inserting said three prong connector into the electrical circuit outlet causing said light emitting device to illuminate; and
- 10               c)     engaging said actuator switch causing said light emitting device to extinguish indicating the associated electrical circuit breaker has been disengaged.

8) A method for testing a three conductor electrical circuit outlet connectively disposed to an associated electrical circuit breaker to determine and indicate the current energized and ground fault/arcfault state of the circuit breaker comprising the steps of:

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a) providing an electrical circuit test apparatus having a three prong connector, a three position actuator switch and a light emitting device operationally disposed therein, said three positions being a first, second and off position;

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b) inserting said three prong connector into the electrical circuit outlet causing said light emitting device to illuminate;

c) engaging said three position actuator switch to its first position from said off position causing said light emitting device to extinguish indicating the associated electrical circuit breaker has been disengaged;

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d) engaging said three-position actuator switch to its second position from said off position causing said light emitting device to extinguish indicating the ground fault/arcfault state associated with the electrical circuit breaker is functioning.